

**RECONSTRUCTED EPIDERMIS/SKIN EQUIVALENT COMPRISING A
CERAMIDE 7 AND/OR 5.5 AND LAMELLAR VESICULAR
COMPOSITIONS COMPRISING CERAMIDE 7 AND/OR 5.5
COMPOUNDS**

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ABSTRACT OF THE DISCLOSURE

10 A reconstructed epidermis/skin equivalent supplemented with at least one
ceramide 7 and/or 5.5 compound, suited for reinforcing the barrier function of
normal human epidermis and for improving the barrier function of dry skin and of
reconstructed skin or skin equivalents, is prepared by introducing the at least one
ceramide 7 and/or 5.5 compound into the culture medium of such reconstructed
epidermis/skin equivalent and/or topically applying onto the face surface of such
15 reconstructed epidermis/skin equivalent a composition which comprises lipid
lamellar vesicles incorporating at least one ceramide 7 and/or 5.5 compound.